1-82. (CANCELED).

83. (CURRENTLY AMENDED) A method for generating groups of individuals useful in researching influence of a disease on said individuals, comprising:

selecting individuals having a risk factor for a disease;

providing to each individual a communications apparatus;

transmitting a computer program containing queries and predefined response choices to said communications apparatus, wherein said computer program when executed causes said communications apparatus to present said queries and predefined response choices to each individual via a display of said communications apparatus and collect responses to said queries, including at least one of the predefined response choices presented on the display of the communications apparatus, from each individual via user input buttons of the communications apparatus;

receiving said responses to the queries from the individuals through the apparatus, said responses communicating information about the individuals;

storing the responses of each individual in a database;

defining a plurality of groups by categorizing the individuals having similar profiles based on the responses, wherein

2

categorizing the individuals into groups includes one or more phenotypic classifications;

after defining said groups, receiving genotype information representative of individuals in each of said groups;

comparing said genotype information between said groups; and

generating a report for presentation on a display that represents a subset of said genotype information associated with each of said groups, wherein differences in said genotype information between said groups is expressed in terms of phenotypic classifications.

84. (CANCELED).

85. (PREVIOUSLY PRESENTED) The method of Claim 83, wherein the queries are inserted into said computer program with a script generator and assigned to an individual using a script assignor.

86. (PREVIOUSLY PRESENTED) The method of Claim 83, wherein categorizing the individuals into groups includes one of the phenotypic classifications from the set of behavioral, environmental, and disease progression.

87. (CANCELED).

88. (PREVIOUSLY PRESENTED) The method of claim 83, wherein the communication apparatus is connectable with a monitoring device configured to acquire physiologic data.

89. (PREVIOUSLY PRESENTED) The method of claim 88, wherein the monitoring device includes one of the set consisting of a blood glucose meter, a respiratory flow meter, a blood pressure cuff, a weight scale, and a pulse rate monitor.

90. (CURRENTLY AMENDED) A system for generating groups of individuals useful in researching influence of a disease on said individuals, comprising:

a communications apparatus operable by an individual; and

a communication network in signal communication with the communications apparatus and a server, a workstation configured to send scripted queries and predefined response choices, a genotyping system configured to provide genotype information representative of the individual, and a patient profile system configured to receive responses from the individual and genotype information analyses via the communications network and the server, wherein the server transmits a computer program containing the scripted queries and predefined response choices to the ~~communication~~ communications

4

apparatus, the computer program when executed causes the ~~communication~~ communications apparatus to present the scripted queries and predefined response choices to the individual via a display of said communications apparatus and collect responses to the queries containing information about the individual and at least one of the predefined response choices presented on the display of said communications apparatus,

whereby the genotype information is compared based upon groups formed by categorizing individuals having a risk factor for a disease using the responses to the scripted queries in the patient profile system to identify one or more individuals having similar profiles, wherein categorizing the individuals into groups includes one or more phenotypic classifications, and differences in said genotype information between said groups is expressed in terms of phenotypic classifications.

91. (CANCELED).

92. (PREVIOUSLY PRESENTED) The system of Claim 90, wherein the responses from the individual are used to categorize the individual into one or more groups and the one or more groups are compared with the genotype information of the individual to categorize said genotype information according to disease progression.

5

93. (PREVIOUSLY PRESENTED) The system of Claim 92, wherein the disease progression includes non-insulin dependent diabetes.

94. (CURRENTLY AMENDED) A system for identifying groups of individuals useful in researching influence of disease on said individuals, comprising:

at least one communications apparatus in signal communication with a monitoring device configured to measure physiologic and environmental conditions, the communications apparatus and monitoring device being operable by at least one individual; and

a communication network in signal communications with each communications apparatus and a server, a workstation configured to send scripted queries and predefined response choices, a genotyping system configured to provide genotype information representative of the at least one individual, and a patient profile system configured to receive responses and measurements from the at least one individual and genotype information analyses via the communications network and the server, wherein the server transmits a computer program containing the scripted queries and predefined response choices to the communication apparatus the computer program when executed causes

20   the communication apparatus to present the scripted queries and
     predefined response choices to the individual _via a display of the_
     communications apparatus and collect responses to the queries
     containing information about the individual and at least one of the
     predefined response choices _presented on the display of said_
25   _communications apparatus_,

          whereby the genotype information representative of the at
     least one individual is compared based upon groups formed by
     categorizing individuals having a risk factor for a disease using
     the responses and measurements to the scripted queries in the
30   patient profile system to identify one or more individuals having
     similar profiles, wherein categorizing the individuals into groups
     includes one or more phenotypic classifications, and differences in
     said genotype information between said groups is expressed in terms
     of phenotypic classifications.

          95. (CANCELED).

          96. (PREVIOUSLY PRESENTED) The system of Claim 94,
     wherein the monitoring device includes one of the set consisting of
     a blood glucose meter, a respiratory flow meter, a blood pressure
     cuff, a weight scale, and a pulse rate monitor.

97. (PREVIOUSLY PRESENTED) The system of Claim 94, wherein the responses and measurements from each individual are used to categorized each individual with one or more groups and the groups are compared with the genotype information representative of each individual to categorize the genotype information according to disease progression of each individual in the one or more groups based on the responses and measurements sent by each individual.

98. (PREVIOUSLY PRESENTED) The system of Claim 97, wherein the disease progression includes non-insulin dependent diabetes.

99. (PREVIOUSLY PRESENTED) The system of Claim 90, wherein categorizing the individuals into groups includes one of the phenotypic classifications from the set of behavioral, environmental, and disease progression.

100. (PREVIOUSLY PRESENTED) The system of Claim 94, wherein categorizing the individuals into groups includes one of the phenotypic classifications from the set of behavioral, environmental, and disease progression.

101. (PREVIOUSLY PRESENTED) The method of Claim 83, wherein the responses to the queries from the individuals communicate environmental information about the individuals.

102. (PREVIOUSLY PRESENTED) The method of Claim 101, wherein the environmental information comprises one or more of non-genetic information about an individual, information about disease progression, information about diet, information about lifestyle, and information about geographical location.

103. (PREVIOUSLY PRESENTED) The method of Claim 83, wherein the queries contained in said computer program are related to one or both of behavior and environment of each individual.